2930

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2930	038	01	20	76	23AL	3452	7618

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0003	07	09	03	058	Y	00	00

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	CL	SH	S	FT	151	—	08	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00007	—	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H6	3L1			PO	DO
START	34° 52′	76° 18′	1547	4857	3		0806	0807
							PU	ON
FINISH	34° 53′	76° 16′	1519	4857	3		0837	0840

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200 2	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Calm Positive Anadromous

2 - Hickory Shad

4 - American shad

1 - blueback herring

R/V DAN MOORE SPECIES LIST

STA. NO. 2930 (23AG) DATE JAN 20 19 76 BIOLOGISTS BFH JVSGK

TOT. CATCH WT. 7 AIR 3 SURFACE 7 BOTTOM 8.5

SAMPLE WT. 7 RAISING FACTOR 0

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Anchoa hepsetus		numerous	1.5		trace	
Alosa mediocris		2	1.8		0.9	
Brevoortia tyrannus		84	3		<0.1	
Urophycis regius		2	.2		0.1	FL. Heck
					♂	330 1.3
Leiostomus xanthurus		1	trace		<0.1	♂ 257 .5
Alosa sapidissima		4	.4		.1	blueback
Alosa aestivalis		1	.1		.1	♀ 103
						An. shad
						♂ 105
						♀ 132
						♀ 142
Lolige pealei	NC	1	trace		<0.1	♀ 112

Species: *Alosa sapidissima* (Am. shad)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
1	105	♂	–	–	–	–	–	IMM	2930	
2	132	♀	–	–	–	–	–	IMM	–	
3	142	♀	–	–	–	–	–	IMM	–	
4	112	♀	–	–	–	–	–	IMM	–	
5	105	♀	–	–	–	–	–	IMM	2931	
6	117	♂						IMM	2932	
7	110	♂						–	–	
8	105	♀						–	–	
9	97	♂						–	–	
10	112	♂						–	–	
11	121	♂						–	–	
12	108	♀						–	–	
13	112	♂						–	2934	
14	104	♂						–	–	
15	246	♂						–	2936	
16	123	♀						–	2939	
17	140	♀						–	2940	
18	144	♀						–	–	
19	108	♂						–	2942	
20	116	♂						–	–	
21	116	♂						–	–	
22	108	♂						–	–	
23	97	♂						–	–	
24	98	♂						–	–	
25	450	♂							2945	
26	246	♂						IMM	–	
27	164	♂						IMM	–	
28	151	♀						IMM	–	
29	220	♂							2948	(9)
30	134	♀						IMM	–	
31	110	♂						IMM		
32	102	♂						IMM	–	
33	138	♀						IMM	–	
34	118	♂						IMM	–	
35	123	♂						IMM	–	
36	127	♂						IMM	–	
37	131	♀						IMM	–	
38	135	♀						IMM	–	
39	122	♂						IMM	–	
40	118	♀						IMM	–	
41	123	♂						IMM	–	
42	124	♂						IMM	–	
43	134	♂						IMM	–	
44	175	♀						IMM	–	
45	124	♂						IMM	L	
46	141	♀						IMM	–	
47	137	♀						IMM	–	
48	124	♂						IMM	–	
49	116	♂						IMM		
50	132	♂						IMM		
51	122	♀						IMM	–	

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https://archive.org/details/danmoore293000unse

Species: Alosa aestivalis (blueback) 1

Specimen Number	FL.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
1	103	♀	—	—	—	—	—	IMM.	2930	
2	81	UNK						IMM	2932	
3	64	—						—	—	
4	76	—						—	—	
5	61	—						—	—	
6	83	—						—	—	
7	78	—						—	—	
8	72	—						—	—	
9	53	—						—	—	
10	62	—						—	—	
11	73	—						—	—	
12	82	—						—	—	
13	80	—						—	—	
14	68	—						—	—	
15	87	—						—	—	
16	71	—						—	—	
17	68	—						—	—	
18	61	—						—	—	
19	70	—						—	—	
20	80	—						—	—	
21	74	—						—	—	
22	77	—						—	—	
23	76	—						—	—	
24	56	—						—	—	
25	72	—						—	—	
26	71	—						—	—	
27	84	—						—	—	
28	66	—						—	—	
29	77	—						—	—	
30	78	—						—	—	
31	59	—						—	—	
32	58	—						—	—	
33	62	—						—	—	
34	74	—						—	—	
35	70	—						—	—	
36	76	—						—	—	
37	123	—						—	—	
38	78	—						—	—	
39	79	—						—	—	
40	85	—						—	—	
41	74	—						—	—	
42	72	—						—	—	
43	64	—						—	—	
44	80	—						—	—	
45	73	—						—	—	
46	161	♂						IMM	—	
47	178	♂						IMM	—	
48	178	♂						IMM	—	
49	162	♂						—	—	
50	170	♀						—	—	

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: A. destwalli

DATE: 1/20/76

STATION: 2930

LOCALITY: 23 A2

T. L.	♂	♀	Unk		T. L.	♂	♀	Unk	
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-		1			600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL		1		
240-									
250-									
260-									
270-									
280-									
290-									
300-						N = 1			
310-									
320-									
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa aestivalis*

DATE: JANUARY SUMMARY

STATION:

LOCALITY: SUMMARY for Yadkin Creek

T.L.	♂	♀	UNK
50-59.9			18
60-			21
70-			67
80-			20
90-		1	1
100-		1	
110-			1
120-			1
130-	10	2	
140-	13	28	
150-	53	42	
160-	57	68	
170-	108	88	
180-	50	81	
190-	45	21	
200-	107	85	
210-	112	87	
220-	128	79	
230-	101	87	
240-	71	99	
250-	53	65	
260-	6	22	
270-		23	
280-		3	
290-		1	
300-			
310-			
320-			
330-			
340-			
350-			
360-			
370			
380-			
390-			
400-			
410-			
420-			
430-			
440-			
450-			
460-			
470-			
480-			
490-			
500-			
510-			
520			
530-			
540-			

T.L.	♂	♀	UNK
550-			
560-			
570-			
580-			
590-			
600-			
610-			
620-			
630-			
640-			
650-			
660-			
670-			
680-			
690-			
700-			
	♂	♀	UNK
TOTAL	1117	583	129

N = 1926

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: A. sapidissima

DATE: 1/20/76

STATION: 2930

LOCALITY: 23 AL

T. L.	♂	♀	UNK.		T. L.	♂	♀	Unk
50-59.9					550-			
60-					560-			
70-					570-			
80-					580-			
90-					590-			
100-	1				600-			
110-		1			610-			
120-					620-			
130-		1			630-			
140-		1			640-			
150-					650-			
160-					660-			
170-					670-			
180-					680-			
190-					690-			
200-					700-			
210-								
220-								
230-					TOTAL	1	3	
240-								
250-								
260-								
270-						N=4		
280-								
290-								
300-						Range	♂	105
310-								
320-							♀	112-142
330-								
340-								
350-								
360-								
370								
380-								
390-								
400-								
410-								
420-								
430-								
440-								
450-								
460-								
470-								
480-								
490-								
500-								
510-								
520								
530-								
540-								

LENGTH - FREQUENCY DISTRIBUTION Summary

SPECIES: Alosa sapidissima (American shad) STATION: 2930

DATE: January 1976 LOCALITY:

T.L.	♂	♀	Unk		T.L.	♂	♀	Unk	
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-	3				590-				
100-	5	3			600-				
110-	9	2			610-				
120-	8	2			620-				
130-	2	6			630-				
140-		4			640-				
150-		1			650-				
160-	1				660-				
170-		1			670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-	1								
230-		1			TOTAL	32	~~22~~ 21		
240-	2								
250-		1							
260-									
270-									
280-									
290-									
300-						N =	~~54~~ 53		
310-									
320-									
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-	1								
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

LENGTH - FREQUENCY DISTRIBUTION Summary

SPECIES: Alosa mediocris (Hickory Shad) STATION: 2930

DATE: January 1976 LOCALITY:

T.L.	♂	♀			T.L.	♂	♀		
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL	2			
240-									
250-	1								
260-									
270-									
280-									
290-									
300-									
310-									
320-									
330-	1								
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: A. mediocris

STATION: 2930

DATE: 1/20/76

LOCALITY: 23AL

T.L.	♂	♀			T.L.	♂	♀		
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL	2			
240-									
250-	1								
260-									
270-									
280-									
290-									
300-									
310-									
320-									
330-	1								
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

Species: *Alosa mediocris (Hickory Shad)*

Specimen Number #	FL.	Sex	Otoliths	Gonads	Fecundity	Bone-calc.	Age	Gonad Stage	Station Number	Remarks
1	330	♂	1	1	1	1	—	—	2930	
2	257	♂	1	1	1	1	—	—	11	

2930